

I
Consett Urban District Council



ANNUAL REPORT

of the

Medical Officer of Health

FOR THE YEAR

1970

2

Consett Urban District Council



ANNUAL REPORT

of the

Medical Officer of Health

FOR THE YEAR

1970

INDEX OF CONTENTS

	<i>Page</i>
I. General and Vital Statistics relating to the Consett Urban District	5
II. Health Services in the Area.....	12
A. Environmental Circumstances and Local Authority Services	12
(a) General—Water, Sewage Disposal, Atmospheric Pollution, etc.	12
(b) Housing, Offices and Shops, Factories	16
(c) General Inspections	22
(d) Inspection and Supervision of Food	22
(e) Prevalence of and Control over Infectious and Other Diseases	28
B. Local Health Authority Services	39
C. Other Health Services	41
D. Hospital Services in the Area	42
III. Annual Report of Rainfall, etc.	44
<i>Appendices:</i>	
A. Trend of Vital Statistics since 1943	45
B. Analysis of notified and confirmed cases of Notifiable Diseases	30

STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health and Assistant County Medical Officer for Consett and Stanley Urban and Lanchester Rural Districts:

P. F. A. PEREIRA, M.B.B.S., D.P.H.

Chief Public Health Inspector:

H. WALTON, Registered Architect, M.A.P.H.I., and R.S.H. Diploma for Inspection of Meat and Other Foods

Deputy Chief Public Health Inspector:

T. E. HODGSON, M.A.P.H.I., and R.S.H. Diploma for Inspection of Meat and Other Foods

Additional Public Health Inspectors:

J. R. BEST, M.A.P.H.I., R.S.H. Diploma for Inspection of Meat and Other Foods and R.S.H. Diploma in Air Pollution Control

R. CALLAND, M.A.P.H.I., R.S.H. Diploma for Inspection of Meat and Other Foods, R.S.H. Diploma for Smoke Inspectors and H.N.C. (Building)

K. ATKINSON, Diploma P.H.I.E.B. and R.S.H. Diploma for Smoke Inspectors. (Resigned 30th October, 1970).

Pupil Public Health Inspector:

K. ERRINGTON (Commenced 9th November, 1970).

Authorised Meat Officer:

A. DUNN, R.S.H. Certificate in Meat Inspection

Rodent Officer and Market Inspector:

A. EMBERSON

Clerical Staff

MR. G. GREEN, MRS. E. WINTER, MRS. J. SWINBURNE (Resigned 14th August, 1970), MISS A. LAIDLAW (Commenced 17th August, 1970)

Health Department,
Council Offices,
Medomsley Road,
Consett,
Co. Durham

July, 1971

**TO THE CHAIRMAN AND MEMBERS OF THE CONSETT
URBAN DISTRICT COUNCIL**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in presenting my Annual Report for the year, 1970.

There has been a slight increase in the number of notifications of infectious diseases received during the year due to an increase in the number of cases of Measles.

The vital statistics show a slight rise in the birth and death rates with the infant death rate remaining the same as last year. There has however been a marked increase in the perinatal death rate due to an increase in the number of stillbirths.

Although the death rate for tuberculosis deaths increased during the year there was a decrease in the number of notifications of this disease.

Coronary and lung cancer deaths continue to increase but there was a slight decrease in the number of deaths from bronchitis.

I wish to thank my colleagues in general practice, the hospital service and the Public Health Laboratory Service for their assistance and co-operation during the year.

I extend my sincere thanks to the members of the Council for their continued support and interest in health matters, the Clerk, the Chief Officers and their Staff, and the Staff of my own Department, for their co-operation and goodwill.

I am, Ladies and Gentlemen,

Yours sincerely,

P. F. A. PEREIRA,
Medical Officer of Health

I. GENERAL AND VITAL STATISTICS RELATING TO THE CONSETT URBAN DISTRICT

Area (acres)	10,042
Population (estimated)	36,660
(i) Estimated number of children:	
Under 5 years	3,464
5-15 years	6,180
Marriages in the Area during 1970 (estimated)	123
Number of Inhabited Houses	12,475
(i) Number of Aged Miners' Homes	56
(ii) Number of Council Aged Persons' Homes	287
(iii) Number of Council Houses (including Aged Persons)	4,262
(iv) Number of Houses and Shops combined	113
(v) Number of Lock-up Shops	308
(vi) Number of Occupied Houses under Clearance Areas, Closing or Demolition Orders	—
Rateable Value 1st April, 1970	£1,718,143
Net Product of a Penny Rate, 1st April, 1970	£7,105

UNEMPLOYED AND DISABLED

	<i>Males</i>	<i>Females</i>	<i>Total</i>
(i) Employable persons out of work at the end of 1970	522	137	659
(ii) Persons registered as Disabled	694	40	734
(iii) Percentage of Registered Disabled who were on the Tuberculosis Register	3.7	5.0	8.7
(iv) Disabled persons trained	—	—	—
(v) Number of persons who have had special rehabilitation during 1970	28	1	29
(vi) Number of T.B. persons who have had special rehabilitation during 1970	—	—	—
(vii) Tuberculosis persons trained during 1970	—	—	—
(viii) Number of Registered Blind Persons	33	28	61
(ix) Number of Partially Sighted Persons	5	20	25
(x) Number of Registered Physically Handicapped Persons	55	65	120
(xi) Number of Registered Deaf and Dumb Persons	3	1	4
(xii) Number of Registered Hard of Hearing Persons	8	7	15

DETAILED VITAL STATISTICS

(See Appendix A)

	Consett	England and Wales	Durham County
LIVE BIRTHS			
Number	581	*	
Rate per 1,000 population	15.8	16.0	15.6
Illegitimate Live Births per cent of total live births	5.0	8.0*	5.9
STILLBIRTHS			
Number	11		
Rate per 1,000 total live and stillbirths	19.0	13.0*	13.0
Total live and stillbirths	592		
Infant deaths (deaths under 1 year)	11		
INFANT MORTALITY RATES			
Total infant deaths per 1,000 total live births	19.0	18.0*	19.0
Legitimate infant deaths per 1,000 legitimate live births	14.4	17.0*	18.0
Illegitimate infant deaths per 1,000 illegitimate live births	103.4	26.0*	24.0
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	19.0	12.0*	13.0
Early Neo-natal Mortality rate (deaths under 1 week per 1,000 total live births)	15.4	11.0*	12.0
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths)	34.0	23.0*	25.0
MATERNAL MORTALITY (including abortion)			
Number of deaths	Nil	—	—
Rate per 1,000 total live and stillbirths	—	0.18	0.15
DEATHS			
Number	419	—	—
Rate per 1,000 population	11.4	11.7*	11.8
TUBERCULOSIS DEATHS			
Number	2	—*	—
Rate per 1,000 population	0.05	0.03	0.04

*Provisional figures

The standardised birth and death rates for the area, i.e. rates calculated in such a way that allowances are made for the age and sex composition of the population, were 15.8 and 13.3 respectively.

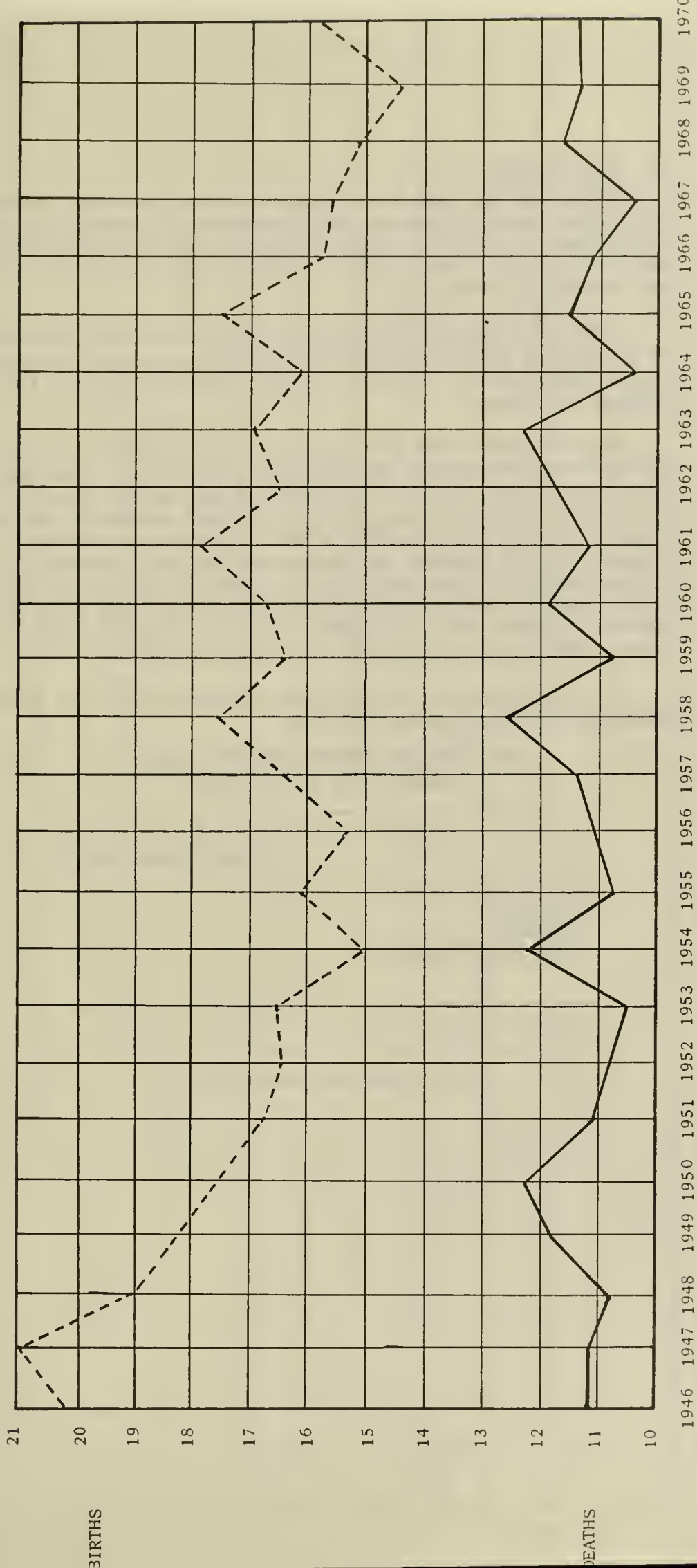
BIRTHS

	Males	Females	Total
(a) Live Births			
Legitimate	279	273	552
Illegitimate	10	19	29
	289	292	581
(b) Stillbirths			
Legitimate	4	6	10
Illegitimate	1	—	1

DEATHS

	Males	Females	Totals
Deaths during the year	223	196	419
Deaths from Puerperal Causes	—	—	—

BIRTHS AND DEATH RATES PER 1,000 POPULATION 1946 - 1970



(a) Infant Deaths

During the year there was a slight increase in the number of infant deaths there being 11 (19.0 per 1,000 live births) as compared with 10 in the previous year (19.0 per 1,000 live births). Nine of the eleven deaths occurred in the first week of life. The rate for Durham County was 19.0 and England and Wales 18.0.

There was a marked increase in the number of stillbirths, there being 11 as compared with 5 in the previous year. This gives a stillbirth rate of 19.0 and compares with the rate of 13.0 for Durham County and 13.0 for England and Wales.

The investigation of all perinatal deaths in Stanley and Consett Urban Districts was continued for the thirteenth successive year. Each case is investigated in detail and as far as possible a post mortem is carried out in every case. The scope of the survey has widened considerably and consideration is given to the presence of an avoidable factor associated with the cause of death. Quarterly meetings are held with the Consultants at the Richard Murray Hospital, and each year a report is presented to a meeting of the hospital medical staff, general practitioners, and local health authority medical staff. Co-operation from the hospital medical and nursing staff, midwives and general practitioners is excellent.

The perinatal mortality rate is 34.0 as compared with 25.0 for Durham County and 23.0 for England and Wales.

**ANALYSIS OF INFANT DEATHS DURING
FIRST YEAR OF LIFE 1970**

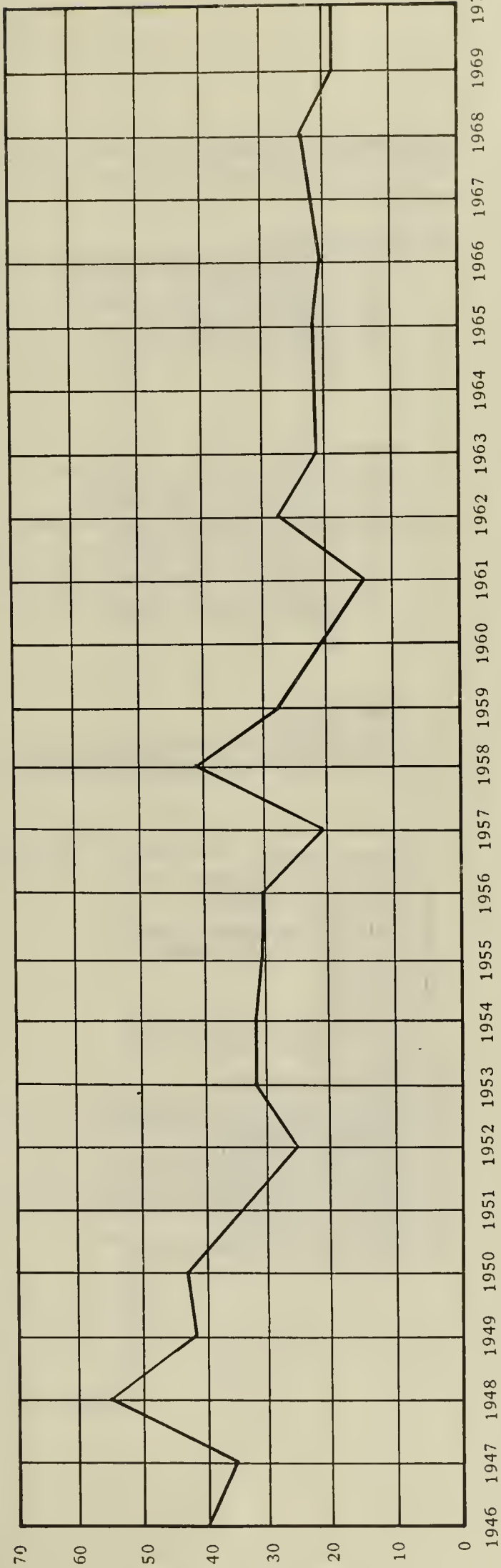
*Cause	Under 1 week	1 to 4 weeks	1 to 12 months
Prematurity	9	—	—
Meningitis	—	1	—
Hypostatic Pneumonia	—	1	—
	9	2	

** As classified by the Registrar General.*

INFANT DEATHS PER 1,000 LIVE BIRTHS SINCE 1946

During the year there were the following deaths under one year -

	Males		Females	Totals ...	Rate per 1,000 Live Births
LEGITIMATE	8	13.8
ILLEGITIMATE	3	5.2



(b) Deaths (General)

	<i>Male</i>	<i>Female</i>	<i>Total</i>
ALL CAUSES	223	196	419
1. Cardio vascular:			
(a) Vascular lesions of nervous system ..	26	31	57
(b) Coronary disease	62	48	110
(c) Hypertension with heart disease ..	2	1	3
(d) Other heart diseases	9	10	19
(e) Other circulatory diseases	13	9	22
(f) Other diseases of nervous system, etc. ..	2	2	4
	<u>114</u>	<u>101</u>	<u>215</u>
2. Cancer:			
(a) Malignant Neoplasm, Oesophagus ..	1	1	2
(b) Malignant Neoplasm, stomach	7	5	12
(c) Malignant Neoplasm, intestine	7	8	15
(d) Malignant Neoplasm, lung, bronchus ..	21	3	24
(e) Malignant Neoplasm, breast	—	8	8
(f) Malignant Neoplasm, uterus	—	5	5
(g) Malignant Neoplasm, prostate	5	—	5
(h) Malignant Neoplasm, buccal cavity, etc.	1	1	2
(i) Other Malignant Neoplasms	10	9	19
	<u>52</u>	<u>40</u>	<u>92</u>
3. Chest diseases:			
(a) Pneumonia	7	9	16
(b) Bronchitis and Emphysema	18	7	25
(c) Other diseases of respiratory system ..	4	1	5
	<u>29</u>	<u>17</u>	<u>46</u>
4. Diabetes Mellitus	—	5	5
5. Tuberculosis of respiratory system	1	1	2
6. Meningococcal infection	1	—	1
7. Leukaemia	1	4	5
8. Benign and unspecified neoplasms	2	—	2
9. Other endocrine, etc. diseases	—	1	1
10. Anaemias	3	3	6
11. Influenza	1	1	2
12. Appendicitis	1	—	1
13. Intestinal obstruction and hernia	1	—	1
14. Other diseases of digestive system	2	4	6
15. Peptic ulcer	3	2	5
16. Nephritis and Nephrosis	2	—	2
17. Other diseases, genito urinary system ..	—	1	1
18. Diseases of musculo skeletal system	—	1	1
19. Congenital anomalies	1	2	3
20. Birth injury, difficult labour, etc.	2	1	3
21. Other causes of perinatal mortality	1	4	5
22. Symptoms and ill defined conditions	1	4	5
23. Motor Vehicle accidents	3	1	4
24. All other accidents	2	2	4
25. Suicide and self-inflicted injuries	—	1	1

The main causes of death in the district during the year were diseases of the heart and circulatory system, cancer, bronchitis and pneumonia, in that order of prevalence.

Coronary Disease

There was an increase in the number of deaths from coronary disease there being 110 as compared with 104 in the previous year.

Deaths in age groups are as follows:

<i>Age Group</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
35-44 years	2	—	2
45-54 „	10	2	12
55-64 „	19	7	26
65-74 „	21	16	37
75 years and over ..	10	23	33
	<hr/> 62	<hr/> 48	<hr/> 110

Lung Cancer

There was a slight increase in the number of deaths from lung cancer, there being 24 as compared with 20 in the previous year.

Deaths in age groups are as follows:

<i>Age Group</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
55-64 years	7	1	8
65-74 „	13	2	15
75 years and over ..	1	—	1
	<hr/> 21	<hr/> 3	<hr/> 24

The death rate for lung cancer for this area was 1.44 per 1,000 population as compared with 0.62 for England and Wales.

Bronchitis

There was a decrease in the number of deaths from bronchitis, there being 25 as compared with 30 in the previous year.

Deaths in age groups are as follows:

<i>Age Group</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
45-54 years	—	1	1
55-64 „	5	2	7
65-74 „	9	3	12
75 years and over ..	4	1	5
	<hr/> 18	<hr/> 7	<hr/> 25

Accidents

There was a decrease in the number of accidental deaths which occurred during the year, there being 8 as compared with 12 in the previous year. Of these 3 were accidents in the home, 4 were road accidents (2 pedestrians and 2 passengers) and 1 was due to an accident at work.

Cases of home accidents treated at the Casualty Department of Shotley Bridge General Hospital in 1970 were as follows:

	<i>Treated</i>	<i>Admitted</i>
Burns and Scalds	62	6
Injuries	509	64
Lacerations	208	15
Foreign Bodies	77	5
Miscellaneous	127	33
Totals ..	<hr/> 983	<hr/> 123

II. HEALTH SERVICES IN THE AREA

A. Environmental Circumstances and Local Authority Services

(a) GENERAL

Water

The Durham County Water Board provides the public supply which is obtained from reservoirs at Smiddy Shaw, Waskerley Park and Hysehope. Filtration and chlorination is carried out at Honey Hill, Waskerley, Co. Durham.

All of these reservoirs are situated outside this Urban Area and only a covered-in service reservoir is situated in Consett.

Six bacteriological samples were taken by this Authority and routine sampling was also carried out by the Board. All samples taken were classified as satisfactory.

Two chemical samples were taken and these were described by the Public Analyst as being of excellent "chemical purity".

New mains were laid by the Water Board in the following areas.

Leadgate, Shotley Bridge, Blackhill and Consett.

Three houses in the area are without a mains supply of water and these rely on spring water. Regular sampling has taken place which at times showed they were contaminated and the occupants are being continually warned to boil all water before drinking.

The following table gives details of these supplies:

Ward	Number of		Type of Supply				Method of Distribution				
	Houses	Occu- pants	Public	Private	Spring	Well	Carried	Gravi- tation Piped	Pumped	House Service	
										Inside	Out
Consett South....	1	2	—	1	1	—	—	1	—	1	—
Leadgate	2		—	2	2	—	2	—	—	—	—
Totals	3		—			—	2	1	—	1	—

Eighteen samples were forwarded to the Bacteriologist and results graded in accordance with the Ministry of Health Report, 'The Bacteriological examination of Water Supplies, 1949,' are as follows:

River Derwent

Due to the abnormally dry summer samples of the river water were taken in places used by persons for bathing. These samples were found to have a high bacterial count and warning notices were erected advising against the use of the river for these purposes. We found that regard was taken of these warnings.

Number of Samples	Mains Water	Private Supply	Probable Numbers per 100 ml.	
			Coliform bacilli	Bact. Coli (Type 1)
6	6	—	—	—
1	—	1	35	—
2	—	2	1	1
1	—	1	1	—
2	—	2	—	—
1	—	1	13	—
1	—	1	17	—
1	—	1	3	3
1	—	1	2	1
2	—	2	180+	—

Drainage and Sewage

No major alterations have been carried out to the four main sewage works in use although these are working to full capacity. A flood relief sewer was completed at Templetown, Consett.

Sanitary Conveniences

The types of closet in use in the Council's area are as follows:

Water-closets	..	..	..	14,295
Ash-closets	..	..	..	5
Chemical Closets	..	..	..	9

Atmospheric Pollution

Throughout the year there were again emissions of pollution from the steel making plant owned by The British Steel Corporation. A new arrestment precipitator was brought into service at the end of the year and although this did reduce pollution, further arrestment equipment is due to come into service at the beginning of this year when it is hoped that emissions will be cut down to a minimum.

The Alkali Inspector is dealing with all this new arresting equipment and regular liaison is carried out between him and this Department.

No smoke control orders have been made but all new council houses built during the year have been fitted with approved appliances which are capable of cooking and heating without producing smoke and this is helping to reduce the amount of pollution from domestic dwellings.

Prevention of Damage by Pests Act, 1949

Treatments for the eradication of rats in sewers and sewage works were again carried out and infestations were proved to be relatively small.

One thousand, two-hundred and sixty-six visits were made to dwelling houses, business and agricultural premises, and 231 premises were serviced for the eradication of rats and mice. Refuse tips, ravines and other likely sources of rodent infestation were visited and where necessary, treated.

There is no charge made to private dwelling houses for the eradication of rat, mouse or beetle infestations, but business premises and farms are charged on a time and material basis for the destruction of rats and mice.

Meetings of the County Workable Area's Committee and the Durham No. 2 Area Committee were attended during the year and problems arising from rodent control were discussed with the Ministry and Divisional Officers.

	Type of Property	
	Non-Agricultural	Agricultural
1. Number of Properties in district	15,100	56
2. Total number of Properties (including nearby premises) inspected following notification	203	7
Number infested by		
(a) Rats	130	7
(b) Mice	73	—
3. Total number of Properties inspected for rats and/or mice for reasons other than notification	200	25
Number infested by		
(a) Rats	17	1
(b) Mice	3	—

Sewers and Sewage Works

Date of Sewer Campaign	Number of Manholes treated	Showing Signs of infestation	Number showing no signs of infestation
October 1970	136	14	122
Sewage Works and Buildings treated in conjunction with Sewer Campaign		Showing signs of infestation	
October 1970			
Pont		Minor	
Knitsley		—	
Crookhall		Minor	
Ebchester		Minor	
Hamsterley Pump House		Minor	

Disinfestation

One hundred and fifty-one houses and premises were treated for the eradication of cockroaches, flies and other insects.

Noise Abatement Act, 1960

Recommendations were made for the reduction of noise from a factory in a partly residential area, these recommendations being sound-proofing, the introduction of a new type of saw used for cutting steel sections and the discontinuation of a grinding machine.

The noise level has been reduced.

Scrap Metal Dealer's Act, 1964

Forty-five persons are registered as scrap metal dealers, and of these, thirty-eight are itinerant collectors, application having been made to be exempted from the requirements of Section 2 of the Act relating to the keeping of records of dealings. Two persons were successfully prosecuted at a Magistrates' court for operating without being registered under the Act.

Three premises are registered as scrap metal stores.

Pet Animals Act, 1951

During the year, two licences for the keeping of pet animals were issued and routine inspections were carried out.

Swimming Baths

Routine samples of water are taken every two hours by the Baths Manager to ensure the correct chlorine residual and Ph value. Forty-eight bacteriological samples were taken by the Health Department and submitted to the Public Health Laboratory.

(b) HOUSING, OFFICES AND SHOPS, AND FACTORIES

(i) General

During the year, 111 houses were built by the Council, 61 of which were by direct labour and the other 50 by contract with private building firms. Details are given in the table below.

Type of Dwelling	Church Road, Black-hill	Gloucester Road, Delves Lane, Consett	Sunningdale, Delves Lane, Consett	Plantation Street, Lead-gate	Durham Road, Lead-gate	Total
Aged Persons' One-Bedroomed Flats	4	—	—	—	—	4
Aged Persons' Two-Bedroomed Flats	9	—	—	—	—	9
Aged Persons' One-Bedroomed Bungalows	—	—	—	6	—	6
Two-Bedroomed Flats	9	—	—	—	—	9
Two-Bedroomed Bungalows	—	—	17	—	8	25
Two-Bedroomed Houses	—	—	—	—	6	6
Three-Bedroomed Houses	—	35	—	9	4	48
Three-Bedroomed Maisonettes	4	—	—	—	—	4
TOTAL	26	35	17	15	18	111

In addition, certificates of completion were issued in relation to 24 private houses.

Since the war a total of 3,742 houses have been completed in the district:

				<i>Council Houses</i>	<i>Private Houses</i>
1946	..	..	..	58	10
1947	..	..	..	238	16
1948	..	..	..	268	29
1949	..	..	..	195	12
1950	..	..	..	134	13
1951	..	..	..	109	12
1952	..	..	..	116	12
1953	..	..	..	146	29
1954	..	..	..	170	35
1955	..	..	..	136	35
1956	..	..	..	107	47
1957	..	..	..	130	58
1958	..	..	..	104	54
1959	..	..	..	76	81
1960	..	..	..	44	52
1961	..	..	..	44	137
1962	..	..	..	47	91
1963	..	..	..	11	94
1964	..	..	..	17	97
1965	..	..	..	64	42
1966	..	..	..	82	46
1967	..	..	..	53	30
1968	..	..	..	66	19
1969	..	..	..	114	27
1970	..	..	..	111	24
				<hr/> 2,640	<hr/> 1,102

(ii) Improvement Grants

Two hundred and fifteen preliminary applications were made for improvement grants during the year, as provided by the House Purchase and Housing Act, 1959, and the Housing (Financial Provisions) Act, 1958.

Four hundred and twenty-nine discretionary and 822 standard grants have been approved since the inception of the scheme, and of these, 1,081 have been completed and the properties brought up to the necessary standard.

(iii) Houses Unfit for Human Habitation

Slum Clearance

No clearance areas were declared during the year.

Individual

One demolition order and one closing order were made.

Ninety-three temporary aluminium pre-fabricated bungalows were demolished at Sunningdale, Delves Lane, Conssett, and in their place 84 semi-traditional type bungalows have now been completed and all are occupied.

National Coal Board houses at Allendale Cottages purchased from the National Coal Board for temporary housing are no longer being re-let on becoming vacant and some of these houses are now being demolished. Other houses at High Westwood are for the moment still being retained.

(iv) **Common Lodging Houses**

There are no registered common lodging houses in the Area.

(v) **Closing and Demolition of Houses**

A. Formal Action

(i)	Number of houses demolished during the year as a result of Clearance Schemes or other formal action	39
(ii)	Number of houses closed but not demolished as a result of formal action	2
(iii)	Number of houses in Clearance Areas and individual unfit houses, demolition of which temporarily postponed ..	—
(iv)	Number of houses in use as temporary accommodation ..	—

B. Informal Action

(i)	Number of houses permanently discontinued as dwellings as a result of informal action and not included above ..	53
-----	---	----

(vi) **Reconditioning and Repairs**

Number of houses made fit during year by procedure under Housing Acts (excluding temporary accommodation or Public Health Acts):

(a)	As a result of informal action	128
(b)	By owners as a result of statutory notice	3
(c)	By Local Authority in default of owners	—
(d)	Unfit houses made fit under Section 24 Housing Act, 1957	—

(vii) **Rent Act, 1957—Certificates of Disrepair**

There were no applications for certificates of disrepair.

(viii) **Housing Act, 1969—Qualification Certificates**

Three applications were received for qualification certificates and after certain improvements and repairs had been effected, these were all granted. No other applications were received.

Offices, Shops and Railway Premises Act, 1963

The requirements of the Act affect 314 premises, 10 less than the previous year, and 89% of these premises received a general inspection during the year. Generally it was found that conditions therein were satisfactory and there were no complaints from employees regarding their working conditions.

The following tables (i), show the number of premises registered during the year and receiving a general inspection, (ii) analysis of persons employed in registered premises, and (iii) analysis of contraventions found.

Eleven notifications of accidents were received from owners or occupiers of premises. Cutting instruments were the causes of five accidents three where assistants had fallen on floors and three in the handling of goods.

No prosecutions or proceedings were instituted and there were no applications for exemptions under any sections of the Act.

(i) Number of premises registered during the year, and the number of registered premises receiving a general inspection during the year

Class of Premises	Number of premises registered during the year	Number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
(1)	(2)	(3)	(4)
Offices	4	75	58
Retail Shops	15	200	201
Wholesale shops, warehouses ..	—	3	—
Catering establishments open to the public, canteens	1	33	22
Fuel storage depots	—	3	1
Totals ..	20	314	282

Total number of visits of all kinds by Inspectors to registered premises under the Act 409

(ii) Analysis of persons employed in registered premises by workplace

Class of Workplace	Number of persons employed
(1)	(2)
Offices	407
Retail Shops	968
Wholesale departments, warehouses	31
Catering establishments open to public	177
Canteens	2
Fuel storage depots	12
Total	1,597
Total Males	485
Total Females	1,112

(iii) Analysis of Contraventions

Contravention in respect of	Found	Abated	Contravention in respect of	Found	Abated
Cleanliness	5	4	Seating facilities ..	—	—
Overcrowding ..	—	—	Floors, passages, stairs	2	2
Temperature ..	9	8	Fencing of exposed parts of machinery	—	—
Ventilation	1	1	First-aid Genera ^l Pro- visions	9	6
Lighting	—	—	Abstract of the Act not displayed	5	3
Sanitary Conveniences	5	6			
Washing facilities ..	2	3			
			Total ..	38	33

Public Health Act, 1936, Section 269

Caravan Sites and Control of Development Act, 1960. There are no caravan sites in this district.

Factories Act, 1961

Sixty-nine visits were made to factories in which persons were employed, and details are given below.

I. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises (1)	No. on Register (2)	Number of		
		Inspection (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	2	4	—	—
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority	114	61	4	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworker's premises)	7	4	2	—
Totals ..	123	69	6	—

II. Cases in which DEFECTS were found

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2) ..	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective draining of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient ..	3	3	—	2	—
(b) Unsuitable or defective ..	3	2	—	2	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	—	—	—	—	—
Total ..	6	5	—	4	—

PART VIII OF THE ACT

Outwork (Section 133)

Nature of Work (1)	Section 110			Section 111		
	No. of out-workers in August list required by Section 110(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel: Making, etc. Cleaning and Washing }	1	—	—	—	—	—
Total ..	1	—	—	—	—	—

(c) GENERAL INSPECTIONS

Analysis of inspections and notices served under the Public Health and Housing Acts:

	Inspections	No. of INFORMAL Notices served	No. of STATU- TORY Notices served	Defects remedied after Notice
Housing:				
Public Health and Housing Acts ..	1,462	202	2	556
Overcrowding	—	—	—	—
Sanitary Conveniences:				
Insufficient	11	—	—	—
Defective	24	15	—	17
Drainage	251	22	—	23
Water Supply	60	4	—	4
Food Premises	668	67	—	57
Noise Abatement Act, 1960 ..	34	2	—	2
Slaughterhouses	1,957	9	—	2
Tents, Vans, etc.	—	—	—	—
Factories and Workplaces ..	69	6	—	5
Keeping of Animals	1	1	—	1
Insanitary Ashpits and Receptacles	22	13	—	6
Offensive accumulations	40	3	—	4
Smoke Nuisances	21	1	—	1
Prevention of Damage by Pests Act, 1949	1,266	—	—	—
Notifiable Diseases	372	—	—	—
Volumetric Smoke Meters	735	—	—	—
Other Nuisances and Pigeons ..	22	7	—	7
Infestations	151	—	—	151
Scrap Metal Dealers' Act, 1964 ..	18	—	—	—
Hairdressing Establishments ..	23	—	—	—
Offices, Shops and Railway Premises Act, 1963	409	38	—	33
Pet Animals Act, 1951	22	—	—	—
Market Stalls and Delivery Vehicles	47	—	—	—
Shotley Bridge Hospital	7	—	—	—
School Canteens	—	—	—	—
Totals ..	7,692	390	2	869

(d) INSPECTION AND SUPERVISION OF FOOD

1. Food Premises

There are 279 premises in which food is manufactured, stored or sold to which 668 inspections were made. Details of various types of premises visited and the circumstances found which warranted notices being served to conform with the various Acts and Byelaws, also the number of notices served and the defects remedied are shown on page 24.

The following are details of food premises:

Butchers	..	..	..	..	..	..	24
Bakehouses	..	..	..	..	..	..	7
Restaurants, Cafes and Snack Bars	..	..	..	..	..	..	21
General Dealers and Grocers	..	..	..	..	..	..	87
Green Fruit	..	..	..	..	..	..	15
Confectionery	..	..	..	..	..	..	35
Wet Fish Shops	..	..	..	..	..	..	2
Fried Fish and Chip Shops	..	..	..	..	..	..	10
Licensed Premises (Hotels, Public Houses, Inns)	..	..	..	..	..	..	60
Ice Cream Manufacture	..	..	..	..	..	..	5
School Kitchens	..	..	..	..	..	..	5
Hospital and Institution Kitchens	..	..	..	..	..	..	3
Slaughterhouses	..	..	..	..	..	..	3
Miscellaneous	..	..	..	..	..	..	2
Total							279

All the aforementioned premises have a wash-hand basin with a supply of hot and cold water, towels, nail brushes and soap for the use of persons engaged in the handling of food and there is also provided a sink or other facilities for the washing of food and equipment.

2. Food and Drugs Act, 1955

Premises indicated below are registered under the Food and Drugs Act, 1955, for the following purposes:

Ice Cream Manufacture	..	..	..	..	..	5
Ice Cream Storage and Sale	..	..	..	..	..	111
Preparation or Manufacture of Sausages, Potted or Pressed Food	..	..	..	..	..	36
Preparation or Manufacture of Fish and Potatoes	..	..	..	..	..	10
Slaughterhouses	..	..	..	..	..	3

3. The Food Hygiene (Market Stalls and Delivery Vehicles) Regulations, 1966

Mobile shops, delivery vehicles and ice cream vans were inspected and generally the regulations were being carried out.

The Council provide wash-hand basins and a supply of hot water free of charge in a building on the Market Square for those stall holders engaged solely in the sale of vegetables and covered food. Other stall-holders selling open foods have to comply fully with the regulations.

4. Ice Cream (Heat Treatment) Regulations, 1947 and 1948

All premises used for the manufacture and storage of ice cream and ice cream vehicles were regularly inspected and a very high standard of hygiene has been maintained. Periodic sampling provided the following satisfactory results.

Premises	Structural		Cleansing and Re-decoration		Water Closets		W.C. Notices		Lack of Refuse Containers		Drainage		Wash-up Sinks		Wash-band Basins		Towels, Nailbrush and Soap		Clothing Accommodation		First Aid Equipment		Smoking		Constant Hot Water		Food Exposure		Accumulations or Deposits		Other Defects		Visits
	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.			
Bakehouses	1	1	11	8	—	—	2	—	—	—	—	—	—	—	—	—	1	1	—	—	2	2	—	—	—	—	—	—	1	1	—	21	
Food Manufacturers	2	2	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	—	60	
Fried and Wet Fish Shops ...	3	1	2	2	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	1	—	—	—	—	—	—	4	4	1	1	49
Ice-Cream Manufacturers ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	8	
Caterers and Snack Bars ...	1	—	2	2	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	90	
Grocers and General Dealers	2	2	1	1	—	—	—	—	1	1	1	1	—	—	—	—	—	1	1	—	3	3	—	—	—	—	—	—	4	4	—	—	287
Confectioners	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	1	1	—	—	1	1	—	—	—	—	—	—	—	—	—	71	
Greengrocers	2	2	1	1	—	—	—	—	—	—	—	—	—	—	1	1	1	1	—	—	—	—	—	—	1	1	—	—	—	—	—	29	
Hotels, Inns and Public Houses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	53	
Total	11	8	18	15	1	1	5	3	1	1	1	1	—	—	2	1	4	4	—	—	8	7	—	—	1	1	—	—	14	14	1	1	668

Ice Cream Sample Results:

					<i>No. of Samples</i>
Grade I ..	..	..	..	..	45
Grade II ..	..	..	..	..	8
Grade III ..	..	..	..	..	—
Grade IV ..	..	..	..	..	—
Total ..				..	53

5. Milk (Special Designation) Regulations, 1960

All dealer's licences in milk are now issued by Durham County Council.

6. Milk Sampling

One hundred and fifty-one samples of milk were taken by the Durham County Council from retailers in this Area and the following results obtained:

Type of Sample	No. of Samples taken	Methylene Blue Test		Phosphatase Test		Turbidity Test		Biological Result		Anti-Bio	
		Sat.	Unsat.	Sat.	Unsat.	Sat.	Unsat.	Sat.	Unsat.	Sat.	Unsat.
Untreated	17	17	—	—	—	—	—	5	—	17	—
Pasteurised	112	102	7	112	—	—	—	—	—	—	—
Sterilised	22	—	—	—	—	22	—	—	—	—	—

There were no samples of milk positive to *Brucella abortus*.

The Liquid Egg (Pasteurisation) Regulations, 1963

There are no egg pasteurisation plants in the district and no samples of liquid eggs have been submitted to the laboratory for the Alpha-Amylase tests.

Meat and Other Foods

SLAUGHTERHOUSES—There are three licensed slaughterhouses in the Area as follows:

Messrs. S. Dixon & Sons, Prospect Place, Consett.
 Messrs. A. & S. Britten, Prospect Place, Consett.
 Messrs. Dodds & Bedford, Whyncliffe Abattoir, Broomhill, Ebchester.

During the year, 85,117 animals were slaughtered an increase of 11,142 animals from last year, and it was again possible to obtain 100% inspection of all carcasses and offals. The majority of carcasses are being transported from these slaughterhouses to retailers outside of this area.

There is no Sunday slaughtering. Saturday slaughtering is permitted until 1 p.m. and some evenings until 6.30 p.m.

Charges for inspection are made at the following rates:

Bovine Animals	12.5p
Calf or Pig	3.75p
Sheep, Lamb or Goats	2.5p

All carcasses are stamped by qualified meat inspectors after they have been passed as fit for human consumption. Details of carcasses inspected and condemned meats are given below.

(i) Carcasses Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	2,153	249	178	53,623	28,914	—
Number Inspected ..	2,153	249	178	53,623	28,914	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI Whole Carcasses condemned	—	—	2	22	6	—
Carcasses of which some part or organ was condemned	237	42	2	5,138	6,281	—
Percentage of the number inspected affected with diseases other than Tuber- culosis and Cysticerci ..	11.0	16.9	1.1	9.6	21.7	—
TUBERCULOSIS ONLY: Whole Carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or organ was condemned	—	—	—	—	145	—
Percentage of the number inspected affected with Tuberculosis	—	—	—	—	.5	—
CYSTICERCOSIS: Carcasses of which some part or organ was condemned	11	—	—	49	—	—
Carcasses submitted to treat- ment by refrigeration ..	9	—	—	—	—	—
Generalised and totally con- demned	—	—	—	1	—	—

(ii) Details of Condemned Meat.

	<i>lbs.</i>
Cirrhosis	6,379
Parasites	9,079
Pneumonia, Pleurisy and Peritonitis	7,567
Pericarditis	105
Abscesses	2,114
Oedema	475
Traumatism and Bruising	1,710
Arthritis	235
Tuberculosis	1,845
Cysticercus Bovis	173
Cysticercus Ovis	74
Telangiectasis	292
Nephritis	120
Actinomycosis	97
Actinobacillosis	223
Moribund	60
Pyæmia	445
Septicaemia	521
Septic Metritis	426
Haemolytic Streptococci Infection	91
	<hr/>
	32,031 lbs.

Condemned meats are forwarded to a by-product firm at Red Row, Morpeth, Northumberland, and other unsound food is disposed of by burial on the Council's tip.

Details of animals slaughtered throughout the year are shown below :

	<i>Animals slaughtered from Collecting Centres</i>
Cattle	2,153
Cows	249
Calves	178
Sheep	53,623
Pigs	28,914
	<hr/>
Total	85,117

(iii) Food found to be unfit for human consumption

225 tins Fruit	4 jars Pickles, Sauces
137 „ Meat	48 cartons Mousse
130 „ Vegetables	34 Pies
115 „ Tomatoes	6 Cakes
53 „ Milk	485 pkts. Fish
19 „ Ham	362 „ Meat
19 „ Pudding	239 „ Vegetables
16 „ Fruit Juice	193 „ Ice-cream
6 „ Fish	23 „ Cheese
6 „ Soup	21 „ Pudding
120 Chickens	2 „ Tea
111 jars Dimalt	

The total weight condemned amounted to 3 tons 15 cwt.

Poultry Inspection

There are no poultry processing premises within the district.

Slaughter of Animals Act, 1933 and Amendment Act, 1954

There were 23 licensed slaughtermen on the register at the end of the year.

Market Square

The market operates on Fridays and Saturdays when approximately fifty-eight stalls are in attendance. These include stalls from which green-grocery and confectionery are sold. There are also specially equipped vans from which are sold meatstuffs, bread and cakes.

(e) PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

There were 294 cases of infectious diseases notified during the year as compared with 252 in the previous year.

For analysis of notified and confirmed cases of notifiable diseases see Appendix B.

Laboratory Facilities

These continue to be provided by the Public Health Laboratory Service at the General Hospital, Westgate Road, Newcastle upon Tyne.

This public health service is free within the National Health Service and is designed to assist all concerned in the diagnosis, prevention and control of infection.

Specimens may be submitted by doctors, veterinarians, dentists, persons acting on behalf of medical officers of health such as public health inspectors and health visitors, or by representatives of official bodies. Specimens cannot be accepted from private persons.

Routine specimens examined fall under two main headings, (a) medical specimens, and (b) sanitary specimens from local or food authorities, or by arrangement, from commercial undertakings.

The following vaccines and antisera are issued by the Public Health Laboratory, Newcastle.

Gamma Globulin	..	..	..	Issued to individual doctors
Antivaccinial Gamma Globulin	..	..	" "	" "
Rabies vaccine and antiserum	..	..	" "	" "
Typhus vaccine	..	..	..	" "

Note

Therapeutic sera or antitoxins are not issued but may be obtained from certain hospitals.

Diphtheria, pertussis, poliomyelitis, tetanus and measles vaccines may be obtained through the local health authority—Durham County Council.

TAB and other vaccines may be obtained from retail pharmaceutical chemists.

Yellow fever vaccination is done only at centres designated by the Ministry of Health, the local centre being at 48 Osborne Road, Jesmond, Newcastle upon Tyne. Telephone: Newcastle 28520, extension 292.

The following shows the number of specimens submitted to the Public Health Laboratory from this area for the past ten years.

			<i>Specimens submitted</i>	<i>Positive</i>
1961	..	..	1,108	106
1962	..	..	1,228	188
1963	..	..	1,666	240
1964	..	..	1,105	137
1965	..	..	824	52
1966	..	..	942	111
1967	..	..	2,083	342
1968	..	..	1,239	47
1969	..	..	1,057	36
1970	..	..	1,196	16

The following table gives particulars of specimens sent in by the Health Department and the medical practitioners in the area for examination during the year.

Bacteriological Examinations

	Number of Specimens Submitted	Positive
Faeces:		
(a) Enteric Fever	326	—
(b) Dysentery		12
(c) Food Poisoning		—
(d) Other Organisms		—
Sputum for Tuberculosis	746	4
Water	23	—
Ice Cream	53	—
Miscellaneous	—	—
Water Samples—Swimming Baths	48	—
Totals ..	1,196	16

Notifiable Diseases reported during the year 1970

During the year all infectious diseases needing hospital treatment were admitted to Highfield Isolation Hospital, Chester-le-Street.

APPENDIX B
ANALYSIS OF THE NOTIFIED AND CONFIRMED CASES OF NOTIFIABLE DISEASES
(Other than Tuberculosis)

Name of Disease	Under 1 Year		1		2		3		4		5		6-10		11-15		16-20		21-35		36-45		46-65		66 and Over		Age not Known		Totals	
	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.
Scarlet Fever	—	—	—	—	—	—	1	1	1	1	1	1	—	—	—	—	2	2	1	1	—	—	—	—	—	—	—	—	6	6
Whooping Cough ..	3	3	—	—	—	—	2	2	2	2	3	3	3	3	—	—	1	1	1	1	—	—	—	—	—	—	—	—	15	15
Measles ..	5	5	13	13	10	10	11	11	21	21	14	16	16	16	—	—	—	—	1	1	—	—	—	—	—	—	—	—	91	91
Dysentery ..	—	—	1	1	1	1	2	3	2	2	—	2	2	2	—	—	2	2	—	—	—	—	—	—	—	—	—	—	10	11
Food Poisoning ..	4	—	7	—	2	—	5	—	2	—	5	—	5	—	—	—	4	—	13	—	5	—	1	—	—	—	—	—	54	—
Meningococcal Infection ..	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
Infective Hepatitis ..	—	—	—	—	—	—	4	4	2	2	8	8	37	37	20	20	20	20	19	19	2	2	3	3	1	1	—	—	116	116
Totals ..	14	10	21	14	13	11	25	21	30	28	31	26	63	58	20	20	29	25	35	22	7	2	4	3	2	1	—	—	294	241

The following table gives particulars of the incidence of notifiable diseases (other than tuberculosis) in the area during the year.

Diseases	Total Number of Cases Notified	Total Number of Cases Confirmed	Cases Admitted to Hospital	Total Deaths
Scarlet Fever	6	6	—	—
Whooping Cough	15	15	—	—
Measles	91	91	—	—
Dysentery	10	11	—	—
Food Poisoning	54	—	—	—
Meningococcal Infection	2	2	—	—
Infective Hepatitis	116	116	—	—
Totals ..	294	241	—	—

Scarlet Fever

There were 6 cases notified compared with 4 last year. The infections were mild in type and no cases were admitted to hospital.

Measles

There were 91 cases notified compared with 11 in the previous year. No cases were admitted to hospital and there were no deaths.

In April a scheme for measles vaccination was carried out in the infant schools in the district. Details of the numbers vaccinated in each school is shown on the following table.

MEASLES VACCINATION SCHOOL SCHEME—APRIL 1970

	No of Children in 4-7 age group	No. Eligible for Vaccination	No. Vaccinated	Absent	Not Vaccinated for medical reasons
Benfieldside Co.	108	12	12	—	—
Blackhill R.C.	110	12	12	—	—
Blackhill Co.	100	7	6	1	—
Consett Co.	200	24	22	2	—
Consett R.C.	170	22	20	2	—
Delves Lane Co.	170	22	21	1	—
Ebchester C. of E.	40	8	8	—	—
Grove Co.	80	8	8	—	—
Grove R.C.	60	11	10	1	—
High Westwood Co.	80	16	16	—	—
Leadgate Brooms R.C.	76	15	14	1	—
Leadgate Co.	120	17	17	—	—
Low Westwood R.C.	70	7	5	2	—
Medomsley C. of E.	50	9	7	2	—
Shotley Bridge Co.	60	13	13	—	—
Totals ..	1,494	203	191	12	—

Rubella Vaccination

A scheme of vaccination against Rubella was carried out in the Senior Schools during November and December and the numbers affected are as follows:

Blackfyne Secondary School	..	..	..	59
Benfieldside Secondary School	..	..	..	15
Moorside Secondary School	..	..	..	35
Consctt Secondary School	..	..	..	42
Leadgate English Martyrs R.C. Secondary School	..	..	..	85
Villa Rcal Training Centre	..	..	..	2
Total	..	..	..	238

Whooping Cough

There were 15 cases notified compared with none in the previous year. No cases were admitted to hospital and there were no deaths.

Poliomyelitis

For the twelfth year there were no cases of poliomyelitis notified. Vaccination against this disease continued during the year and the numbers vaccinated were as follows:

Number of persons who have received a full course of oral vaccine	..	498
Number of persons who have received a booster dose of oral vaccine	..	443

These figures include those vaccinated by general medical practioners in their surgeries.

In May a school scheme for poliomyelitis vaccination was carried out. Children whose parents had given consent were given full courses or booster doses of oral vaccination as required. Details of the number of children vaccinated are shown on the following table.

POLIOMYELITIS VACCINATION SCHEME

MAY, 1970

School	Number of Doses give			Booster	Totals
	1 dose	2 doses	3 doses		
Benfieldside Co.	1	—	4	16	21
Blackhill R.C.	—	—	5	12	17
Blackhill Co.	—	1	1	10	12
Consett Co.	—	3	3	13	19
Consett R.C.	2	1	4	26	33
Delves Lane Co.	—	—	6	20	26
Ebchester C. of E.	—	—	—	5	5
Grove Co.	1	1	4	8	14
Grove R.C.	—	1	4	12	17
Leadgate Brooms R.C.	3	1	2	10	16
Leadgate Co.	1	4	2	12	19
Medomsley C. of E.	—	—	—	9	9
Shotley Bridge Co.	—	—	1	8	9
High Westwood Co.	1	1	8	10	20
Low Westwood R.C.	1	2	2	4	9
Totals	10	15	46	175	246

Diphtheria

For the eighteenth consecutive year there were no cases of this disease notified and it is now 27 years since the last death from diphtheria occurred in this district.

In May a school scheme for diphtheria-tetanus and diphtheria immunisation was carried out in all the infant schools.

Details of the number of children immunised are set out on the following table.

DIPHTHERIA-TETANUS IMMUNISATION SCHEME MAY, 1970

School	Diphtheria-Tetanus			Total
	1 Injection	2 Injections	Booster	
Benfieldside Co.	—	2	16	18
Blackhill R.C.	—	4	12	16
Blackhill Co.	2	1	8	11
Consett Co.	—	3	16	19
Consett R.C.	1	5	21	27
Delves Lane Co.	—	4	20	24
Ebchester C. of E.	—	—	2	2
Grove Co.	1	4	9	14
Grove R.C.	—	4	12	16
Leadgate Brooms R.C.	3	2	11	16
Leadgate Co.	1	4	13	18
Medomsley C. of E.	—	—	9	9
Shotley Bridge Co.	—	1	7	8
High Westwood Co.	2	8	10	20
Low Westwood R.C.	2	2	4	8
Totals	12	44	170	226

The total numbers (all age groups) immunised during the year were as follows:

Primary Injections	467
Booster	500

Numbers of cases and deaths from diphtheria since 1942 are as follows

	No. of Cases	No. of Deaths
1942	18	2
1943	29	2
1944	33	—
1945	13	—
1946	14	—
1947	1	—
1948	2	—
1949	1	—
1950	—	—
1951	—	—
1952	1	—
1953-1970	—	—

Food Poisoning

There were fifty-four cases of food poisoning notified but following investigation none of these were confirmed.

Dysentery

There were ten cases of dysentery notified and following investigation eleven cases were confirmed; the additional case was revealed as a result of investigations in connection with suspected food poisoning. The majority of cases were as a result of a small outbreak at the E. F. Peile Convalescent Home, Shotley Bridge. The home was closed for the duration of the epidemic.

Smallpox

The number of infants under 2 years vaccinated was 261 as compared with 176 in the previous year.

Tuberculosis

There was again a decrease in the number of notified cases during the year, there being 5 as compared with 8 in the previous year. There were two deaths during the year, a man aged 59 years and a woman aged 48 years.

1. Statistics

(a) Number of new cases notified during the year:

					<i>Pulmonary</i>	<i>Non-Pulmonary</i>	<i>Total</i>
Males ..	..	..	..	..	3	—	3
Females	..	..	..	..	1	1	2
				Totals ..	4	1	5

(b) Number of deaths registered:

Males ..	..	..	..	..	1	—	1
Females	..	..	..	..	1	—	1
				Totals ..	2	—	2

(c) Number of cases on the Tuberculosis Register:

Males	..	..	..	..	121	76	197
Females	..	..	..	..	105	65	170
				Totals ..	226	141	367

Age distribution of new cases and deaths are as follows:

Age Period			CASES				DEATHS			
			Pulmonary		Non-Pul.		Pulmonary		Non-Pul.	
Years			M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	..	..	—	—	—	—	—	—	—	—
1 year	..	..	—	—	—	—	—	—	—	—
2—4 years	..	..	—	—	—	—	—	—	—	—
5—9	..	..	—	—	—	1	—	—	—	—
10—14	..	..	—	—	—	—	—	—	—	—
15—19	..	..	—	—	—	—	—	—	—	—
20—24	..	..	—	—	—	—	—	—	—	—
25—34	..	..	—	—	—	—	—	—	—	—
35—44	..	..	—	1	—	—	—	—	—	—
45—54	..	..	1	—	—	—	1	—	—	—
55—64	..	..	2	—	—	—	1	—	—	—
65—74	..	..	—	—	—	—	—	—	—	—
75 and over	..	..	—	—	—	—	—	—	—	—
Age unknown	..	..	—	—	—	—	—	—	—	—
Totals ..			3	1	—	1	1	1	—	—
			4		1		2		—	
			5				2			

Cases and Deaths since 1943

Year	Number of Notifications	Rate per 1,000 pop.	Number of Deaths	Rate per 1,000 pop.	Number of Sanatoria Admissions
1943	43	1.2	24	.67	
1944	77	2.1	18	.79	
1945	54	1.5	28	.48	
1946	47	1.2	17	.68	
1947	59	1.5	20	.50	
1948	72	1.8	22	.66	
1949	49	1.2	25	.61	
1950	91	2.3	11	.40	
1951	76	1.9	11	.28	
1952	47	1.2	10	.25	34
1953	40	1.0	10	.25	42
1954	38	0.97	10	.25	37
1955	26	0.67	3	.07	34
1956	30	0.87	4	.10	34
1957	34	0.77	4	.10	30
1958	23	0.59	5	.12	25
1959	20	0.51	—	—	23
1960	22	0.56	4	.10	30
1961	23	0.59	2	.05	28
1962	24	0.61	2	.05	21
1963	18	0.46	3	.08	11
1964	20	0.52	4	.11	9
1965	13	0.34	3	.08	7
1966	11	0.29	2	.05	5
1967	16	0.43	2	.05	6
1968	14	0.37	3	.08	10
1969	8	0.22	1	.02	8
1970	5	0.22	2	.05	5

2. Tuberculosis Service in the Area

(i) At the Chest Clinic there are special sessions for contacts of known cases of tuberculosis. During the year 61 contacts were skin tested and 52 were found to be tuberculin negative. The number vaccinated with B.C.G. including newborn babies was 55.

(ii) Those needing hospital treatment are admitted to Maiden Law Hospital, and the few who require thoracic surgery are transferred to Shotley Bridge General Hospital.

(iii) There were 367 patients on the tuberculosis register at the end of the year.

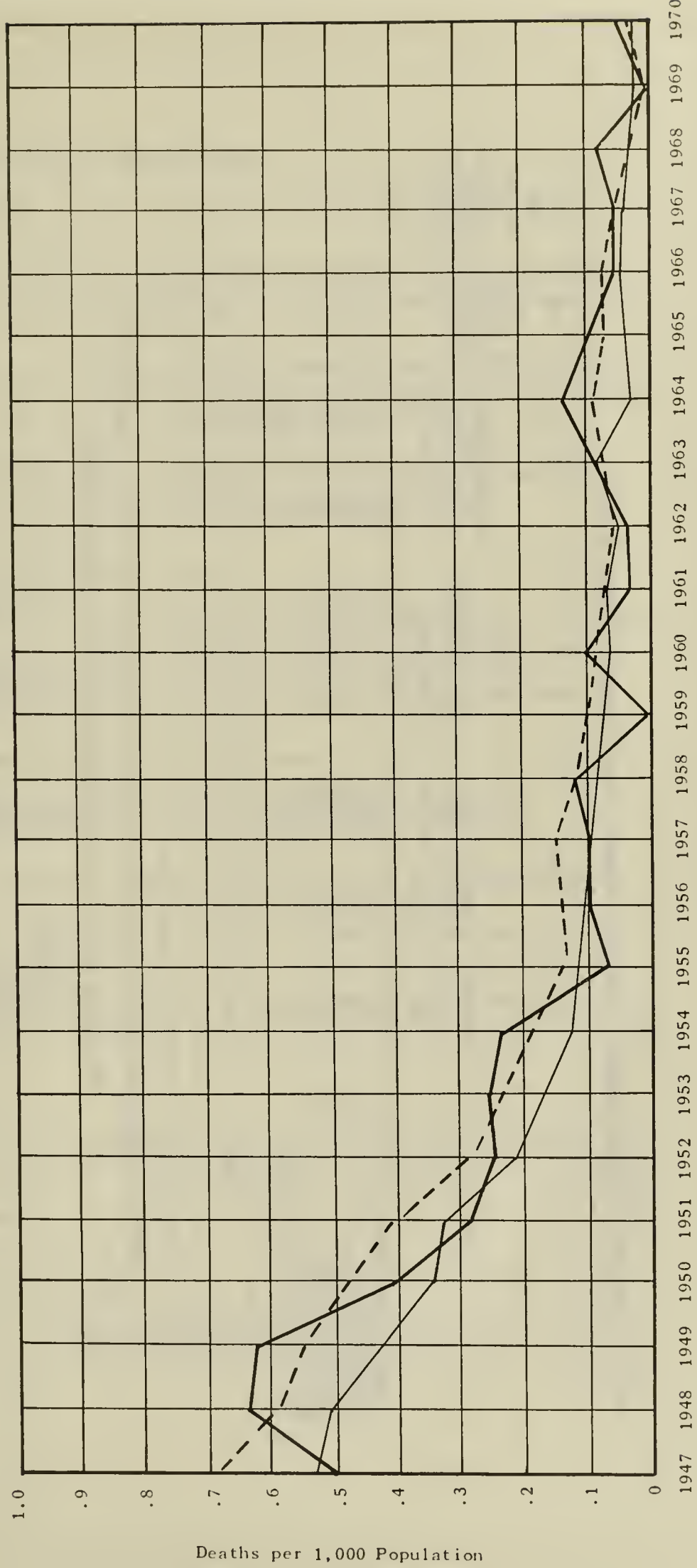
(iv) The vaccination of eligible school children with B.C.G. was carried out in November. Altogether 486 children attending six schools were tuberculin tested and 411 were given B.C.G. vaccine. See details on page 38.

All the positive reactors (25) who had not previously received B.C.G. vaccination in earlier childhood were referred to the Chest Clinic for X-ray of the chest by arrangement with the Chest Physician; 13 children attended and had negative X-ray reports:

The scheme for tuberculin testing school entrants, started in 1963, was continued during the year. A Tuberculin test is included as part of the first medical examination at school, the test being carried out by the health visitor a week before it is read by the school medical officer at the time of the medical examination. Positive reactors are referred to the Chest Clinic for investigation and contacts of all tuberculous positive cases are investigated.

COMPARATIVE TUBERCULOSIS MORTALITY RATES 1947 - 1970

Consett U.D.
Durham County
England and Wales



B.C.G. Vaccination of eligible School Children in the Consett Urban District—November 1970

(1) School	(2) Consents		(3) Given Skin Tests (b)		(4) Positive Reactors (a)		(5) Negative Reactors given B.C.G. (b)		(6) No. Absent at time of Readings	(7) Neg. Reactors not vaccinated for Medical Reasons
	No.		No.	%	No.	%	No.	%		
Leadgate English Martyrs R.C.	148		133	89.86	7	5.26	109	81.95	12	5
Consett Secondary	108	..	95	87.96	6	6.31	79	83.15	10	—
Benfieldside Secondary	59	..	56	94.91	1	1.78	52	92.85	2	1
Moorside Secondary	93	..	67	72.04	5	7.46	49	73.13	12	1
Blackfyne Secondary	146	..	133	91.09	6	4.51	121	90.97	3	3
Villa Real Junior Training Centre	3	..	2	66.66	—	—	1	33.33	1	—
Totals	554	..	486	87.72	25	5.14	411	84.56	40	10

Notes: Column 3(b) gives % of acceptors given skin tests.

The Heaf Multiple Puncture Skin Tuberculin Test was used. B.C.G. was given in doses of 0.1 ml. intra-dermally.

Percentage Positive as a result of Tuberculin Test—since April 1960

1960 (April)	17.06	1965	5.99
1960 (December)	17.05	1966	4.62
1961	22.13	1967	8.10
1962	9.61	1968	9.66
1963	7.08	1969	13.03
1964	2.51	1970	5.14

B. Local Health Authority Services

(a) Clinics

(i) *Birth Control*

Clinics for the above are held in the Maternity and Child Welfare Centre, Wetherall House, Medomsley Road, Consett, on alternate Tuesdays, 9.30 a.m. to 12 noon.

(ii) *Ante and Post Natal and Health Education and Relaxation Classes*

Clinics for the above are held at the Maternity and Child Welfare Centre, Wetherall House, Medomsley Road, Consett, as follows:

ANTE-NATAL CLINIC—Alternate Tuesdays 9.30 a.m. to 12 noon.

HEALTH EDUCATION AND RELAXATION CLASSES—Thursday afternoons weekly.

POST-NATAL CLINIC—Alternate Tuesdays 9.30 a.m. to 12 noon.

CERVICAL SMEAR CLINIC—Evenings by appointment.

(iii) *Child Welfare*

Clinics are held as follows:

MATERNITY AND CHILD WELFARE CENTRE, WETHERALL HOUSE, MEDOMSLEY ROAD, CONSETT—Fridays all day, alternate Tuesday mornings.

ST. ANDREW'S PRESBYTERIAN CHURCH HALL, BLACKHILL—Alternate Thursdays all day. Health Visitors Sessions—Alternate Thursday mornings.

WOMEN'S INSTITUTE HALL, THE GROVE, CONSETT—Friday mornings weekly.

(iv) *Immunisation and Vaccination*

This has been carried out at:

(a) Maternity and Child Welfare Clinics throughout the area, and

(b) By General Practitioners by personal arrangement with parents.

SCHEDULE OF VACCINATION AND IMMUNISATION

The following is the schedule of Vaccination and Immunisation in use in the County.

In general, at County Clinics, children will receive the various protective immunisations and vaccinations according to the following schedule:

Age	Vaccine
4 months	Triple (diphtheria, whooping cough and tetanus) and poliomyelitis (1st)
6 months	„ „ „ „ „ „ „ „ (2nd)
12 months	„ „ „ „ „ „ „ „ (3rd)
13 months	Measles
14-24 mths.	Smallpox
4 years	Diphtheria, Tetanus and Poliomyelitis Booster Smallpox Re-vaccination

In September 1966 the Ministry of Health advised that the simultaneous administration of oral poliomyelitis vaccine with triple vaccine for primary immunisation or with diphtheria and tetanus vaccine at school entry could be recommended at the discretion of the doctor concerned.

Particulars of Immunisation and Vaccination during 1970

Diphtheria Immunisation Either Single or in Combination		Whooping Cough Immunisation Either Single or in Combination		Tetanus Immunisation Either Single or in Combination	Small- pox	Poliomyelitis Vaccination		B.C.G.	Measles
Primary	Booster	Primary	Booster	Primary	Vaccination	Primary Three Doses (Oral)	Booster 4th	Vaccination	Vaccination
467	500	421	187	537	336	498	443	411	752

(v) *School Clinic*

Clinics are held in Wetherall House, Medomsley Road, Consett, as follows:

School Medical Officer	..	..	Friday afternoons
Dental Officer	..	..	Daily
Education Psychologist	..	..	By arrangement
Audiometrician	..	..	By arrangement

(b) *Nursing in the Home and Midwifery Services*

(i) *Midwifery*

During the year 592 live and stillbirths were assigned to the area. There were 11 stillbirths and 9 deaths in the first week in life.

All midwives are trained in the use and possess apparatus for entonox analgesia. Fifty per cent of domiciliary cases were given entonox analgesia.

(ii) *Domiciliary Nursing*

A total of 20,698 home visits were made during the year—54 per cent of which were made to patients over the age of 65 years.

The following is an analysis of these visits and the types of cases nursed:

	AGE GROUPS			CLASSIFICATION						
	0—5 years	5—65 years	65+ years	Medical	Surgical	Infectious Diseases	Tuber- culosis	Maternal Complica- tions	Injections	Others
New Cases	8	219	374	424	159	—	18	—	—	—
Visits	165	9,306	11,227	13,542	4,059	—	2,641	74	6,342	402

(c) *Ambulance Service*

The needs of the Urban District are served jointly by the County Ambulance depots situated at VillaReal, Consett and East Street, Stanley, details of the establishment of personnel and vehicles at each being as follows:

				<i>Consett</i>	<i>Stanley</i>
Driver Attendants	..	..	..	18	20
Ambulances	..	..	..	6	7

The Consett Depot provides a 24-hour service in the district under the overall supervision of the Central Control at Durham. All vehicles are now equipped with radio.

The following table gives details of the work undertaken during the year.

	Journeys Undertaken	Cases carried			Mileage
		Stretcher	Sitting	Total	
Consett ..	4,910	2,700	21,376	24,076	141,463

(d) Domestic Help Service

At the beginning of January 1970, 478 cases in this district were being served by a Home Help. There were 158 new cases during the year and of the 636 receiving the service 625 (98 per cent) were chronic sick and infirm. At the end of the year there were 499 cases in the area, 137 cases having been terminated during the year.

(e) Mental Health Services

Occupation Centre for Mentally Handicapped Children

The Villa Real Centre has continued to be used for mentally defective children excluded from school under Section 57 of the Education Act, 1944. Twenty-eight males up to the age of 16, and eighteen females under 21 from the North-West of Durham travel daily to this Centre. The Education Department arrange for the provision of school meals and free milk for these pupils and for transport to and from the Centre.

(f) Local Health Authority Hostel Accommodation

Admission of those needing care and attention to local health authority hostels is arranged directly with the County Health Department, but cases requiring urgent attention are often referred by their own doctors to the local health department.

Twenty-six people were admitted to Residential Accommodation as follows:

				<i>Males</i>	<i>Females</i>
Glenroyd House, Consett	..	..	..	—	6
Stanfield House, Stanley	..	..	..	2	1
Lynwood House, Lanchester	..	..	..	1	1
Grove Park, Barnard Castle	..	..	..	1	—
Watling House, Leadgate	..	..	..	3	10
Syke House, Stanley	..	..	..	1	—

C. Other Health Services

(a) Welfare of Physically Handicapped

A club run by and for the physically handicapped operates very successfully in this district. Meetings are held every Tuesday in the Disabled Persons Club in Ashdale Road, Consett and all handicapped persons are welcome.

(b) Chiropody Service for the Aged

During the year the Chiropody Service run by the Consett and District Old People's Welfare Committee continued to operate at three centres in the area. In Consett there are twenty sessions monthly, in Shotley Bridge ten sessions monthly and in Ebchester there are four sessions monthly.

(c) Meals on Wheels

The meals on Wheels service operated by the Women's Royal Voluntary Service has continued to run successfully and now covers all parts of the district. There are approximately 200 meals delivered in the week, each old person receiving two meals weekly.

(d) Luncheon Clubs

There are three luncheon clubs for old people established in the district. One in Consett provides 25 meals once weekly and voluntary help is given by the local branch of the Red Cross Society. The Leadgate club meets twice weekly and provides meals for 12 people. In addition the Club operating at Medomsley also provides 12 meals twice weekly. The Leadgate and Medomsley Clubs are run by the Women's Royal Voluntary Service in connection with the meals on wheels service.

(e) Voluntary Services—Co-ordinating Committee

The local committee for the area (i.e. Stanley, Consett and Lanchester) helps to co-ordinate voluntary services and integrate them with the statutory services. It links up with the Central Co-ordinating Committee held under the chairmanship of the County Medical Officer of Health.

D. Hospital Services in the Area

The Local Hospital Services are administered by the North-West Durham Hospital Management Committee on behalf of the Newcastle Regional Hospital Board. The Secretary has kindly provided the following information on the Hospitals and Clinics serving this Area.

Maiden Law Hospital

At 31st December, 1970 the following number of beds were available:

Physical Medicine	..	..	..	12
Chest Unit (Tuberculosis)	..	..	..	80
Chronic Sick	..	..	..	22
				<hr/>
Total	..	..	..	114
				<hr/>

Lee Hill Hospital

This hospital has a complement of 301 beds, 56 of which are used as Part III accommodation for the County Council.

Bed allocation is as follows:

Psychiatric	..	..	..	44
Chronic Sick	..	..	..	201
Part III Accommodation	..	..	..	56
				<hr/>
Total	..	..	..	301
				<hr/>

Shotley Bridge General Hospital

Out-patients facilities for all the Specialities exist at this Hospital.

The 542 beds are allocated as follows:

Surgical	..	..	..	..	99
Medical	..	..	..	..	100
Gynaecological	..	..	..	..	42
Orthopaedic	..	..	..	..	70
Paediatrics	..	..	..	..	26
Urology	..	..	..	..	26
Thoracic Surgery	..	..	..	..	109
Plastic Surgery	..	..	..	..	40
Cardiology	..	..	..	..	4
Unallocated	..	..	..	..	26
Total					542

South Moor Hospital

Bed allocation is as follows:

Orthopaedic	..	..	..	..	22
General Surgery	..	..	..	..	16
Total					38

Richard Murray Hospital

The following number of beds are available:

Maternity	..	..	..	..	28
Special Care Baby Cots	..	..	..	..	13
Total					41

Infectious Diseases Hospital

Patients in the area suffering from infectious diseases and who require hospitalisation are admitted to the Highfield Isolation Hospital, Chester-le-Street.

Chest Clinic, Shotley Bridge General Hospital

This clinic provides a full chest clinic service, including B.C.G. and resettlement sessions as follows:

Tuesday	9.15 a.m. 1.15 p.m.	Contacts of known cases X-ray session (Male)
Wednesday	9.15 a.m. 1.15 p.m.	Males X-ray session (Females)
Friday	9.15 a.m. 2.00 p.m.	Females Children up to 16 years and B.C.G. vaccination X-ray session (expectant mothers)

A public mass X-ray session was continued as follows:

Wednesday 1.30 p.m.—3.30 p.m.

This session is available for members of the public to attend without reference to there doctor first.

Venereal Diseases

Treatment and diagnostic facilities are provided by Clinics outside the Area as follows:

NEWCASTLE GENERAL HOSPITAL, WESTGATE ROAD, NEWCASTLE UPON TYNE:

Males and Females;

Monday	10 a.m. to 12 noon; 2 p.m. to 6.30 p.m.
Tuesday	10 a.m. to 12 noon.
Wednesday	10 a.m. to 12 noon; 2 p.m. to 4.30 p.m.
Thursday	10 a.m. to 12 noon; 2 p.m. to 6.30 p.m.
Friday	10 a.m. to 12 noon.
Saturday	10 a.m. to 12 noon.

III. ANNUAL REPORT ON RAINFALL, Etc. 1970

The Surveyor and Engineer has kindly provided me with the following information:

Month (1970)	Rainfall in inches		Number of days rain fell		Heaviest Daily Fall	
	West- wood	Crook- hall	West- wood	Crook- hall	Ins.	Date
January	3.39	4.20	21	21	.61	15th
February	2.01	2.37	15	18	.41	19th
March	1.48	1.37	15	21	.35	21st
April	2.24	2.25	20	18	.53	5th
May	1.29	1.29	10	9	.39	11th
June	1.35	1.69	8	8	.81	27th
July	2.15	2.38	17	17	.56	24th
August	2.45	2.80	9	12	1.52	20th
September	1.32	1.78	16	15	.69	9th
October	1.17	1.14	16	18	.31	28th
November	3.06	3.27	19	21	.65	17th
December	2.90	3.39	18	17	.68	27th
	24.81	27.93	184	195	—	—

The heaviest daily rainfall was on 20th August, when 1.16 inches of rain fell and the wettest month was January with 4.20 inches. The total rainfall of 27 inches compares with 1969 rainfall of 37.52.

The driest month was October with 1.14 inches of rain.

Year	Number of Cases of Infectious Diseases Notified											Peri- Natal Death Rate	Peri- Natal Deaths	Infant Deaths Rate	Infant Deaths	Birth Rate	Deaths	Live Births	Death Rate	Popu- lation	Deaths	Tuber- culosis
	Measles	Scarlet Fever	Whooping Cough	Diph- theria	Polio- myeli- tis	Dysentery	Enteric	Food Poisoning	Infective Hepatitis	Pul.	Non- Pul.											
1942	299	83	75	18	2	—	—	—	—	—	17	22										
1943	291	62	72	29	—	—	—	—	—	—	31	12										
1944	306	15	65	33	1	—	—	—	—	—	45	32										
1945	117	48	11	13	—	—	—	—	—	—	34	20										
1946	218	41	108	14	—	—	—	—	—	—	33	14										
1947	385	64	29	1	7	—	—	—	—	—	43	16										
1948	522	111	104	2	—	5	—	—	—	—	53	19										
1949	142	52	19	1	—	—	—	—	—	—	40	9										
1950	375	59	212	—	2	3	—	—	—	—	79	12										
1951	740	24	85	—	—	5	—	—	—	—	62	14										
1952	281	61	143	1	2	—	—	—	—	—	39	8										
1953	332	45	244	—	2	13	—	—	—	—	32	8										
1954	114	15	130	—	4	64	—	—	—	—	27	11										
1955	771	14	23	—	—	33	—	—	—	—	21	5										
1956	24	16	148	3	30	—	—	—	—	—	29	5										
1957	997	41	45	—	—	—	—	—	—	—	24	6										
1958	26	6	58	—	3	3	—	—	—	—	22	1										
1959	832	22	108	—	—	81	—	—	—	—	16	4										
1960	14	21	27	—	—	7	—	—	—	—	17	3										
1961	842	4	12	—	—	—	—	—	—	—	20	3										
1962	13	3	5	—	—	87	—	—	—	—	22	2										
1963	798	5	19	—	—	193	—	—	—	—	13	5										
1964	53	3	9	—	—	22	—	—	—	—	16	4										
1965	526	10	11	—	—	8	—	—	—	—	10	3										
1966	275	20	70	—	—	33	—	—	—	—	9	2										
1967	333	12	10	—	—	159	—	—	—	—	14	2										
1968	745	3	—	—	—	18	—	—	—	—	14	—										
1969	11	4	—	—	—	10	—	—	—	—	8	1										
1970	91	6	15	—	—	10	—	—	—	—	4	1										

